

Title (en)

CIGARETTE MANUFACTURING ASSEMBLY MACHINE, AND RELATIVE ASSEMBLY METHOD

Title (de)

MONTAGEMASCHINE ZUR ZIGARETTENHERSTELLUNG UND ENTSPRECHENDES MONTAGEVERFAHREN

Title (fr)

MACHINE D'ASSEMBLAGE DE FABRICATION DE CIGARETTE ET PROCÉDÉ D'ASSEMBLAGE ASSOCIÉ

Publication

EP 2916668 A1 20150916 (EN)

Application

EP 13818414 A 20131108

Priority

- IT BO20120614 A 20121108
- IB 2013060015 W 20131108

Abstract (en)

[origin: WO2014072953A1] A method and assembly machine (1) for producing multicomponent cigarettes (2), each having a number of portions (3), which have a central axis (X), and of which at least one portion (3) is defined by a filtering element, and at least one portion (3) is defined by an aromatic element; the assembly machine (1)' has a combining unit (CU) for forming groups (4) of portions (3) travelling perpendicularly to their central axis (X); a first wrapping unit (WUi), which receives a succession of groups (4) of portions (3) from the combining unit (CU) and feeds them parallel to their central axis (X); and a second wrapping unit (WU2), which receives a succession of groups (4) of portions (3) from the first wrapping unit (WUi), feeds them perpendicularly to their central axis (X), and winds a sheet of wrapping material (44) about each group (4) of portions (3).

IPC 8 full level

A24C 5/47 (2006.01); **A24D 3/02** (2006.01)

CPC (source: CN EP RU US)

A24C 5/10 (2013.01 - EP US); **A24C 5/35** (2013.01 - EP US); **A24C 5/474** (2013.01 - EP US); **A24C 5/475** (2013.01 - CN EP US); **A24C 5/478** (2013.01 - CN EP US); **A24D 3/0287** (2013.01 - CN EP US); **A24C 5/47** (2013.01 - RU)

Citation (search report)

See references of WO 2014072953A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014072953 A1 20140515; **WO 2014072953 A8 20141023**; CN 104768404 A 20150708; CN 104768404 B 20180626; EP 2916668 A1 20150916; EP 2916668 B1 20190501; IT BO20120614 A1 20140509; JP 2016501014 A 20160118; JP 6224720 B2 20171101; PL 2916668 T3 20191129; RU 2015121674 A 20161227; RU 2635797 C2 20171115; US 2015282522 A1 20151008

DOCDB simple family (application)

IB 2013060015 W 20131108; CN 201380058651 A 20131108; EP 13818414 A 20131108; IT BO20120614 A 20121108; JP 2015541285 A 20131108; PL 13818414 T 20131108; RU 2015121674 A 20131108; US 201314441197 A 20131108